

The following procedure may be used to configure SNMPv3 on the Advanced Aggregators. The Advanced Aggregators support two versions of SNMPv3, MD5/DES or SHA/AES. SNMPv3 may be set up via the GUI or via CLI commands. This procedure focuses on the CLI command method.

## Connect to the Advanced Features

Connect to the Advanced Features unit. A connection to the unit may be established using two options:

Directly connected to the Console Interface to COM Port using Putty/Serial connection.

Connected via the IP Management Interface using Putty/SSH connection.

1. Press the Return key.
2. Enter enable.
3. Enter configure terminal.

## Configuring SNMPv3 MD5 / DES

1. Enter the following commands.

```
Switch(config)# snmp-server enable
```

```
Switch(config)# snmp-server trap enable all
```

```
Switch(config)# snmp-server community public read-only
```

*The Community String **public** may be substituted with another desired option.*

***read-only** may be substituted with read-write.*

```
Switch(config)# snmp-server usm-user username authentication md5 md5password  
privacy des despassword
```

*Substitute **username** with the desired username defined on the MIB Browser.*

*Substitute **md5password** with the desired MD5 password defined on the MIB Browser.*

*Substitute **despassword** with the desired DES password defined on the MIB Browser.*

```
Switch(config)# snmp-server group grp1 user username security-model usm
```

*Substitute **username** with the desired username defined on the MIB Browser.*

```
Switch(config)# snmp-server access grp1 security-model usm priv
```

```
Switch(config)# snmp-server notify notify1 tag tempteg
```

```
Switch(config)# snmp-server target-params parm1 user username security-model v3  
message-processing v3 priv
```

Substitute *username* with the desired username defined on the MIB Browser.

```
Switch(config)# snmp-server target-address targ1 param parm1 mgmt-if  
xxx.xxx.xxx.xxx taglist tempteg
```

Substitute *xxx.xxx.xxx.xxx* with the desired MIB Browser IP Address.

## Configuring SNMPv3 SHA / AES

1. Enter the following commands.

```
Switch(config)# snmp-server enable
```

```
Switch(config)# snmp-server trap enable all
```

```
Switch(config)# snmp-server community public read-only
```

The Community String *public* may be substituted with another desired option.

*read-only* may be substituted with *read-write*.

```
Switch(config)# snmp-server usm-user username authentication sha shapassword  
privacy aes aespasword
```

Substitute *username* with the desired username defined on the MIB Browser.

Substitute *shapassword* with the desired SHA password defined on the MIB Browser.

Substitute *aespassword* with the desired AES password defined on the MIB Browser.

```
Switch(config)# snmp-server group grp1 user username security-model usm
```

Substitute *username* with the desired username defined on the MIB Browser.

```
Switch(config)# snmp-server access grp1 security-model usm priv
```

```
Switch(config)# snmp-server notify notify1 tag tempteg
```

```
Switch(config)# snmp-server target-params parm1 user username security-model v3  
message-processing v3 priv
```

Substitute *username* with the desired username defined on the MIB Browser.

```
Switch(config)# snmp-server target-address targ1 param parm1 mgmt-if  
xxx.xxx.xxx.xxx taglist tempteg
```

Substitute *xxx.xxx.xxx.xxx* with the desired MIB Browser IP Address.